

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Nir N. Shavit et al.

Title: MAINTAINING A DOUBLE-ENDED QUEUE IN A CONTIGUOUS
ARRAY WITH CONCURRENT NON-BLOCKING INSERT AND
REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWAP
PRIMITIVE

Application No.: 09/547,288

Filed: April 11, 2000

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Examiner: Unknown

Group Art Unit: 2783

AUG 22 2000

Atty. Docket No.: 1004-4663

Group 2700

August 14, 2000

ASSISTANT COMMISSIONER FOR PATENTS
Washington, DC 20231**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned wishes to bring the
documents identified in the attached:

- ☒ Form(s) PTO-1449
- ☒ List of Pending U.S. Patent Applications
- ☐ Other:

to the Examiner's attention in the above-identified application. Citation of the above documents
shall not be construed as:

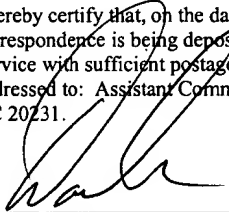
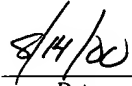
1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

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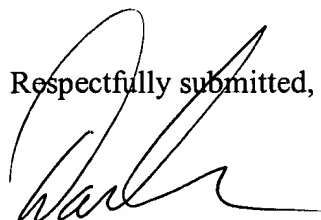
This Information Disclosure Statement is being filed:



- ☒ Prior to the first Office action on the merits or within three months from the filing date (the fee set forth in § 1.17(p) is not required); however, if this Information Disclosure Statement is filed after the mailing date of a first Office action on the merits, the Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 50-0631.
- ☐ After the mailing date of a first action on the merits, but before the mailing date of either a final action under § 1.113, or a notice of allowance under § 1.311, and is accompanied by the fee set forth in 1.17(p), which is being provided in the Transmittal Sheet enclosed herewith;
- ☐ Other:

<u>CERTIFICATE OF MAILING</u>	
I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231.	
 David W. O'Brien	 Date

Respectfully submitted,



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**LIST OF PENDING U.S. PATENT APPLICATION(S)**

The following pending U.S. patent application(s) is/are listed for consideration by the Examiner.

- 1) U.S. Application Serial No. 09/547,290, entitled MAINTAINING A DOUBLE-ENDED QUEUE AS A LINKED-LIST WITH SENTINEL NODES AND DELETE FLAGS WITH CONCURRENT NON-BLOCKING INSERT AND REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWAP PRIMITIVE, filed April 11, 2000, by inventor(s) Nir N. Shavit, Paul A. Martin, and Guy L. Steele Jr.
- 2) U.S. Application Serial No. 09/551,113, entitled CONCURRENT SHARED OBJECT IMPLEMENTED USING A LINKED LIST WITH AMORTIZED NODE ALLOCATION, filed April 18, 2000, by inventor(s) Paul A. Martin, David L. Detlefs, Alexander T. Garthwaite, and Guy L. Steele Jr.
- 3) U.S. Application Serial No. 09/551,311, entitled SHARED OBJECT IMPLEMENTED USING A LINKED-LIST TECHNIQUE THAT TOLERATES CERTAIN CONCURRENT OPPOSING-END REMOVALS USING A DISTINGUISHING POINTER VALUE, filed April 18, 2000, by inventor(s) Guy L. Steele Jr., Alexander T. Garthwaite, Paul A. Martin, and Nir N. Shavit.

Pursuant to MPEP § 609(D), Applicant(s) wish(es) to avoid publication of identifying information for the pending applications listed above on any patent that issues from the above-identified application.

Applicant(s) request(s) that the Examiner indicate consideration of the pending applications listed above in accordance with MPEP 609(C)(2) by marking "all considered" hereon together with his or her initials, and returning a copy of this page, so marked, with the next communication. THANK YOU.